

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2012-02-29  
**Date of Last Change to Activities:** 2012-05-30  
**Investment Auto Submission Date:** 2012-02-29  
**Date of Last Investment Detail Update:** 2012-07-31  
**Date of Last Exhibit 300A Update:** 2012-07-31  
**Date of Last Revision:** 2012-08-31

**Agency:** 014 - Department of State      **Bureau:** 00 - Agency-Wide Activity

**Investment Part Code:** 02

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** Data Center Services and Hosting

**2. Unique Investment Identifier (Ull):** 014-000000026

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The Data Centers provide the infrastructure to house critical applications and data for the Department. All Department of State users are impacted by this investment. The mission includes Enterprise Data Center Operations and Maintenance, 24x7x365. Also included is Data Center Consolidation, further consolidating DoS-wide IT infrastructure, including sites, systems, servers, data, applications, and staff where appropriate, and providing support enterprise hardware and software to major IRM, Department, and Federal IT initiatives, such as the Federal Data Center Consolidation Initiative (FDCCI), the Agency Sustainability Program, IT Consolidation, Enterprise eMail, Enterprise SharePoint, SMART, GO, GITM, and DMZ and SitrNet. Compensation Support (CS) delivers payroll and retirement payments every other week to the 28,000 former and current State employees. The CS investment provides funding for running two mainframe systems, a primary and backup, that supports the CAPPS and FARADS compensation system for the Department. This investment will end with the successful completion of the Consolidated American Payroll System (CAPPS) and Interagency ePayroll Migration. This investment is expected to run on the mainframe through at least 2014, and possibly beyond. The IRM Business Engagement Center provides internal SIO budget and contractual management, and inventory and project tracking while providing SIO information security, customer service, and performance management support. In conjunction with eDip, BEC establishes criteria and makes recommendations to the DCIO for

Ops on waiver requests for local installations of SharePoint at Embassies and Consulates. BEC has oversight of IT-CCB and C&A for all SIO products. BEC also manages and executes all of the inventory, security concerns, contracts and all budgetary issues for the SIO directorate. Memoranda of Understanding (MOU) and Service Level Agreements (SLA) are created and monitored throughout their lifecycles by BEC. BEC researches requirements and ensures MOUs and SLAs adhere to the Department's goals, policies, and objectives. The SIO investment supports human resource planning and activities; extensive mobile computing costs for the directorate; and credit card purchases to support the day to day operations of the Directorate.

**2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

If this investment is not fully funded, operations of such enterprise applications as consular applications, payroll systems, and enterprise email and command and control messaging (SMART) will be adversely impacted. The Department will not be able to fully meet the OMB and other agency mandated targets, and will continue to unwisely spend money on unconsolidated data centers. By providing funding at the required level, BEC will be enabled to continue to provide IT contract and consulting services for Department customers thus freeing them to focus on strategic Department initiatives. With the required level of funding requested it will be possible for BEC to continue to ensure that customized applications and systems are deployed securely and are compliant with the industry best-practice guidelines and standards. By continuing this BEC will support IRM s achievement of the strategic goals. With the required level of funding requested it will be possible for BEC to provide, without having to charge offices and bureaus any additional fees, aid not only to IRM but the Department in gaining economies of scale, advancing consolidation to the fullest, and minimizing duplication of effort across many organizations. Funding BEC is necessary to sustain support for enterprise applications, services, and products which in turn will benefit the Department by maximizing funds and efficiency to the greatest extent. By centralizing the credit card and Mobile computing costs it allow for a more centralized control system on this investment allowing us to better control and project costs. If this program is not fully funded it will go back to each separate investment placing their own requests without any centralized control, thereby increasing overall costs by not allowing us to leverage bulk discounts or orders.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

DoS has consolidated multiple data centers into ESOC East to achieve economies of scale for services and location provided. ESOC is averaging over 30% growth over a four year period in services provided. Data Centers are located in the Harry S Truman building (ESOC-OW), Beltsville Information Management Center (BIMC), ESOC East and completion of ESOC West data center located in Colorado. Closure of the HST data center and full migration to ESOC East data center. Established governance, in conjunction with eDip, for the rollout of MOSS. Waiver procedures in place for posts requiring local installations of MOSS. Secure, compliant SIO systems and applications; Effective and efficient budget and procurement management and Reduced ESOC Service Level Agreement (SLA) s processing

time by 43%. Implemented PTS within SIO. SIO saved over \$250K in mobile computing and credit card costs by being able to combine requests across the Directorate and leveraging bulk discounts.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

Fully mature the ESOC Hosting services into a private cloud capability to include customer facing self service portal integrated with an automated provisioning process; and automated monitoring and reporting in support of customer service level reporting and chargeback. Establish DevNet environment to provide a consolidated Enterprise-wide, secure, managed solution for the set up and use of development and test environments. Establish SIPRNet services at ESOC East, including efforts to extend the existing SIPRNet tail to ESOC East; establish hosting services within the SIPRNet enclave; and transition the SIPRNet point of presence (POP) to ESOC East. Enhance CEIS and integrate Remedy to support ESOC processes and integrate with new ESOC and Department tools, including Cloud services (AEGIS) and Incident Tracking and Configuration Management (Remedy). Includes regular status reporting for ESOC services as well as capacity metrics Customer outreach for all of SIO's products and services, timely, smooth coordination of IT-CCB and IA submissions resulting in secure systems, governance and standards for best practices, efficient and effective management of SIO funds and contracts and continued refinement of PTS.

**5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2012-02-10

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$10.2	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$174.0	\$0.0	\$8.7	\$3.0
DME (Including Planning) Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	\$184.2	0	\$8.7	\$3.0
O & M Costs:	\$67.4	\$36.5	\$20.6	\$16.0
O & M Govt. FTEs:	\$1.9	\$0.9	\$0.9	\$0.9
Sub-Total O & M Costs (Including Govt. FTE):	\$69.3	\$37.4	\$21.5	\$16.9
Total Cost (Including Govt. FTE):	\$253.5	\$37.4	\$30.2	\$19.9
Total Govt. FTE costs:	\$1.9	\$0.9	\$0.9	\$0.9
# of FTE rep by costs:	18	7	7	7
Total change from prior year final President's Budget (\$)		\$37.4	\$30.1	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

## Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
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NONE

**2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**

IRM, in conjunction with the Office of Acquisition, has awarded a 2.5 Billion, 10 year contract called Vanguard. The first phase has been awarded, and is a performance-based contract. As current task orders expire, the work covered under Phase 2.2.1 will roll over. Subsequent phases of Vanguard will be awarded over the next 18-24 months. This task order was competitively awarded under the General Services Administration's Alliant government-wide acquisition contract and over 40 different task orders will be transitioned/consolidated under this effort. While the individual Vanguard components are still being formulated and the implementation strategy is still being developed and implemented this process will ultimately result in a superior contract/acquisition strategy going forward within the DoS's IT investments. Together the DoS with its Vanguard partners will manage its contract/acquisition strategy under this GSA agreement in terms of current best practices including Earned Value Management (EVM) which will afford the greatest value to our taxpayers.

## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-05-30

### Section B: Project Execution Data

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	ESOC	Operations and Maintenance of the ESOCs.			
2	Compensation Support	Payroll Systems for FTEs.			
3	BEC	IRM Business Engagement Center.			
4	Systems Integration Office (SIO)	Systems Integration Office.			

**Activity Summary**

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M )	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	ESOC							
2	Compensation Support							
3	BEC							
4	Systems Integration Office (SIO)							

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
3	FY12 SLA Management		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Project tracking and reporting		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Budget planning and execution		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Security Monitoring		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
4	FY12 Credit Card Centralization		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Inventory Maintenance		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
4	FY12 Mobile Computing Management		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Acquisition services		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
4	FY12 HR Management		2012-03-31	2012-03-31	2012-03-31	182	0	0.00%
3	FY12 Acquisition services		2012-09-30	2012-09-30		182	0	0.00%
4	FY12 HR Management		2012-09-30	2012-09-30		182	0	0.00%
1	Consolidated IRM Citrix Support	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
1	FY12 ESOC West		2012-09-30	2012-09-30		365	0	0.00%
1	Consolidated IRM Citrix Support	Vanguard 2.3.x	2012-09-30	2012-09-30		365	0	0.00%
1	FY12 ESOC BIMC		2012-09-30	2012-09-30		365	0	0.00%
3	FY12 SLA Management		2012-09-30	2012-09-30		182	0	0.00%
1	FDCCI	Vanguard 2.3.x	2012-09-30	2012-09-30		365	0	0.00%
2	FY12 Compensation O&M Support	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%



Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
1	ESOC Cloud Services	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
2	FY12 Compensation O&M Support	Non-Labor	2012-09-30	2012-09-30		365	0	0.00%
3	FY12 Project tracking and reporting		2012-09-30	2012-09-30		182	0	0.00%
1	Cost Recovery		2012-09-30	2012-09-30		365	0	0.00%
1	Co-Location Services	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
3	FY12 Security Monitoring		2012-09-30	2012-09-30		182	0	0.00%
1	Co-Location Services Non Labor	Non Labor	2012-09-30	2012-09-30		365	0	0.00%
4	FY12 Credit Card Centralization		2012-09-30	2012-09-30		182	0	0.00%
1	Co-Location Services	Vanguard 2.3.x	2012-09-30	2012-09-30		365	0	0.00%
3	FY12 Inventory Maintenance		2012-09-30	2012-09-30		182	0	0.00%
1	Managed Services	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
1	Co-Managed Services	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
3	FY12 Budget planning and execution		2012-09-30	2012-09-30		182	0	0.00%
4	FY12 Mobile Computing Management		2012-09-30	2012-09-30		182	0	0.00%
1	Hosted Services	Vanguard 2.2.1	2012-09-30	2012-09-30		365	0	0.00%
1	Co-Managed Services Non Labor	Non Labor	2012-09-30	2012-09-30		365	0	0.00%
1	Hosted Services Non Labor	Non Labor	2012-09-30	2012-09-30		365	0	0.00%
1	FY12 ESOC East		2012-09-30	2012-09-30		365	0	0.00%

## Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
% of Trouble ticket response time within SLA metrics.	Percentage	Customer Results - Timeliness and Responsiveness	Over target	90.000000	95.000000	98.000000	95.000000	Monthly
% of Ability to restore virtualized servers.	Percentage	Mission and Business Results - Services for Citizens	Over target	95.000000	95.000000	99.900000	95.000000	Monthly
% of ESOC will apply security patches within the SLA timeframe.	Percentage	Process and Activities - Security and Privacy	Over target	95.000000	95.000000	99.000000	95.000000	Monthly
% invoices paid within 30 days	Percentage	Mission and Business Results - Management of Government Resources	Over target	95.000000	95.000000	100.000000	95.000000	Monthly
% of responses to SLA inquiries within 3 business days	Percentage	Process and Activities - Cycle Time and Timeliness	Over target	90.000000	90.000000	95.000000	90.000000	Monthly
% daily tracking of contractor billable hours and managing matrixed resources	Percentage	Process and Activities - Financial	Over target	95.000000	95.000000	95.000000	95.000000	Monthly
% tracking and managing of matrixed resources	Percentage	Process and Activities - Management and Innovation	Over target	95.000000	95.000000	95.000000	95.000000	Monthly
% of SIO compliance with all security requirements within SLA	Percentage	Process and Activities - Security and Privacy	Over target	98.000000	99.000000	99.000000	99.000000	Monthly